

REMARKS

This application has been carefully reviewed in light of the Office Action dated April 5, 2006. Claims 35, 37, 39 and 41 to 46 remain in the application, with Claim 40 having been cancelled therein. Claims 35, 37 and 39 are the independent claims herein. Reconsideration and further examination are respectfully requested.

Claims 35, 37 and 39 to 46 were rejected under 35 U.S.C. § 112, first paragraph for the specification as allegedly not including a written description of the first and second hierarchical location information. The rejections are traversed.

Specifically, the first hierarchy location information can be seen to correspond to a floor location within a building (e.g., 2F-1 of Fig. 30) and the second hierarchy location information can be seen to correspond to the location of the device within the room on the floor (e.g., 102 of Fig. 30). Thus, the features of the claims are fully supported by the written description and the Examiner is requested to reconsider and withdraw the rejections.

Claims 35, 37 and 39 to 46 were rejected under 35 U.S.C. § 103(a) over U.S. Patent No. 6,229,540 (Tonelli) in view of U.S. Publication No. 2001/0052995 (Idehara) and further in view of RFC 1907 (Case). Reconsideration and withdrawal of the rejections are respectfully requested.

The present invention concerns registering information to a device. According to the invention, devices found as a result of a search are displayed as icons on a display screen, and a map representing a location in a first hierarchy is also displayed. When a user shifts an icon of a device onto the map, coordinate information representing the location of the icon on the map, first location information in the first hierarchy represented by the map, and second location information in a second hierarchy superior to

the first hierarchy which information is made correspondent to the map, are acquired and registered to the device. As a result, the user can register location information to the device and can later search for the device.

Referring specifically to the claims, amended independent Claim 35 is directed to an information processing apparatus, comprising a transmission unit that transmits device attribute information input by a user to search for a desired device, a reception unit that receives, as search results, device information of at least one device satisfying the device attribute information transmitted by said transmission unit, a first display unit that displays icons respectively corresponding to a device of the device information received as the search results by said reception unit, a second display unit that displays a map which represents a layout of a location in a first hierarchy, an acquisition unit that acquires, as an icon displayed by said first display unit is shifted onto the map displayed by said second display unit, coordinate information representing the location of the icon on the map, first location information in the first hierarchy represented by the map, and second location information in a second hierarchy superior to the first hierarchy which information is made correspondent to the map, and a registration unit that registers the coordinate information, the first location information and the second location information which are acquired by said acquisition unit, to the device.

Amended independent Claims 37 and 39 are method and computer-medium claims, respectively, that substantially correspond to Claim 35.

The applied art, alone or in any permissible combination, is not seen to disclose or to suggest the features of the present invention, and in particular, is not seen to disclose or to suggest at least the feature of acquiring, as an icon of a device displayed on a display is shifted onto a map, coordinate information representing the location of the icon

on the map, first location information in a first hierarchy represented by the map, and second location information in a second hierarchy superior to the first hierarchy which information is made correspondent to the map, and registering the acquired coordinate information, the first location information and the second location information to the device.

Tonelli merely discloses discovering devices using an audit of devices on the network by a user, and then displaying the search result. In Fig. 52, Tonelli discloses that the location information is displayed on a search result screen. However, Tonelli is not seen to disclose that the location information is registered to the device. Additionally, Tonelli is not seen to disclose or to suggest the claimed acquisition of coordinate information representing the location of an icon on a map, first location information in a first hierarchy represented by the map, and second location information in a second hierarchy superior to the first hierarchy which information is made correspondent to the map.

Idehara merely discloses the use of hierarchical location information, but which is distinguishable from displaying a map on which location information corresponding to a first hierarchy and location information corresponding to a second hierarchy superior to the first hierarchy are defined. Specifically, Idehara merely depicts the location information corresponding to one hierarchy, but fails to teach displaying plural hierarchies on the map. Moreover, the Office Action admits that Idehara fails to disclose the claimed registration process. Additionally, Idehara is not seen to teach the claimed acquisition of coordinate information representing the location of an icon on a map, first location information in a first hierarchy represented by the map, and second location

information in a second hierarchy superior to the first hierarchy which information is made correspondent to the map.

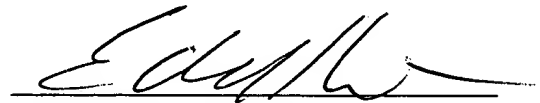
Case is merely seen to disclose that location information can be registered to a device. However, Case is not seen to make up for the foregoing deficiencies of Tonelli and Idehara, and more specifically, Case is not seen to disclose or to suggest at least the feature of acquiring, as an icon of a device displayed on a display is shifted onto a map, coordinate information representing the location of the icon on the map, first location information in a first hierarchy represented by the map, and second location information in a second hierarchy superior to the first hierarchy which information is made correspondent to the map, and registering the acquired coordinate information, the first location information and the second location information to the device. Thus, any permissible combination of Tonelli, Idehara and/or Case would not have resulted in the features of the present invention.

In view of the foregoing, each of Claims 35, 37 and 39, as well as the claims dependent therefrom, are believed to be allowable over Tonelli, Idehara and Case.

No other matters having been raised, the entire application is believed to be in condition for allowance and such action is respectfully requested at the Examiner's earliest convenience.

Applicants' undersigned attorney may be reached in our Costa Mesa,
California office at (714) 540-8700. All correspondence should continue to be directed to
our below-listed address.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'E. Kmett', written over a horizontal line.

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